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Attorney's Docket No.: 10559-913001  
Client's Ref. No.: P18139

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Number of pages including this page 15

Applicant : Bratin Saha  
Serial No. : 10/797,886  
Filed : March 9, 2004

Art Unit : 2183  
Examiner : Brian P. Johnson

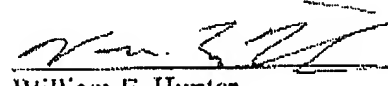
Title : Synchronization of Parallel Processes

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

A REPLY TO ACTION OF MAY 4, 2006, Dated July 5, 2006 is attached.

Respectfully submitted,

Date: July 5, 2006

  
William E. Hunter  
Reg. No. 47,671

Fish & Richardson P.C.  
12390 El Camino Real  
San Diego, California 92130  
Telephone: (858) 678-5070  
Fax: (858) 678-5099

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JUL 05 2006

Attorney's Docket No.: 10559-913001 / P18139

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Bratin Saha                      Art Unit: 2183  
Serial No.: 10/797,886                      Examiner: Brian P. Johnson  
Filed: March 9, 2004                      Confirmation No.: 5086  
Title: SYNCHRONIZATION OF PARALLEL PROCESSES USING SPECULATIVE  
EXECUTION OF SYNCHRONIZATION INSTRUCTIONS (AS AMENDED)

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REPLY TO ACTION OF MAY 4, 2006

This paper is filed in reply to the Office Action mailed May 4, 2006. Please consider the remarks below, and please amend the application as indicated.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 14 of this paper.

## CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

July 5, 2006  
Date of Transmission

*Rita H. Jennings*  
Signature

Rita H. Jennings  
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